

MMW ANALOG COUPLER COMPONENT

IN: -10...+10V/(0)4...20 mA - OUT: 0...10V/(0)4...20 mA

INPUT: 0...5 V DC, 0...10 V DC, ± 10 V DC

INPUT: 0...20 mA, 4...20 mA

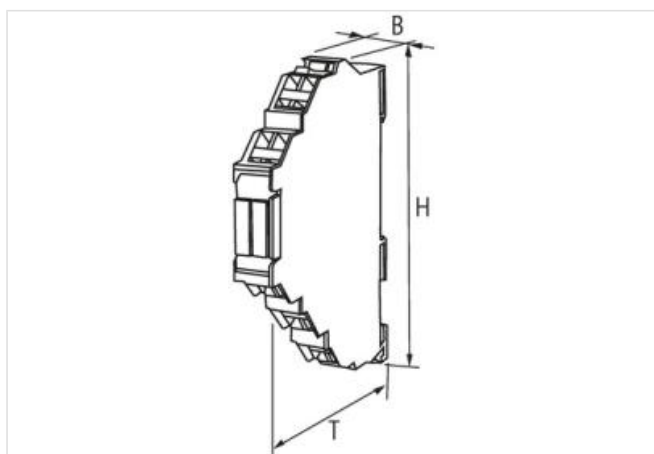
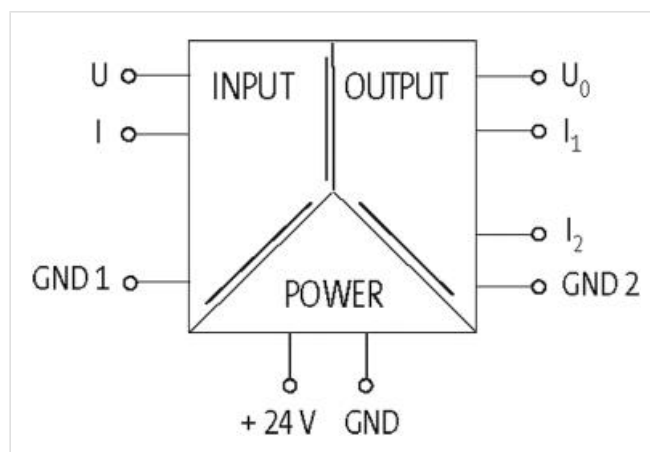
Spring clamp terminals

Input, output, and supply voltage galvanically separated

Due to an integrated current limiter on the output, the output is short circuit and overload protected. A special characteristic of the MULTI Converter Art.-No. 6644207 includes: Analog voltage signals 0...5 V/0...10 V and -10...+10 V and current signals 0...20 mA and 4...20 mA, these compact modules can be galvanically isolated in the three standard signals, which means all combinations are covered with one model. The selection of the input is done by means of a 5-pole rotary switch, accessible under the identification tag. The voltage supply is galvanically isolated from the input and output circuits (3-way isolation).

[Link to Product](#)

Illustration



Product may differ from Image



Commercial data

ECLASS-6.0

27210990

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-04

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ECLASS-6.1	27210990
ECLASS-7.0	27210990
ECLASS-8.0	27210990
ECLASS-9.0	27210990
ECLASS-10.1	27210990
ECLASS-11.1	27210990
ECLASS-12.0	27210990
ETIM-5.0	EC002477
customs tariff number	85437090
GTIN	4048879022491
Packaging unit	1

Electrical data | Input

Working resistance max.	75 Ω
Current input mode 2 min.	4 mA
Current input mode 2 max.	20 mA
Input current min.	0 mA
Input current max.	20 mA
Input resistor	100 k Ω

Electrical data | Output

Working resistance max.	400 Ω
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Device protection | Electrical

Insulation test voltage input - output	0,75 kV
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Mechanical data | Mounting data

Mounting method	geschnappt
Suitable for mounting type	mounting rail, (EN 60715)
Height	80 mm
Width	6,2 mm
Depth	70 mm

Environmental characteristics | Climatic

Operating temperature min.	-25 °C
Operating temperature max.	50 °C

Connection type 5

Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	2
PIN 1	+ 24 V DC
PIN 2	- 24 V DC
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	2
PIN 1	GD 1
PIN 2	GD 1
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	2
PIN 1	U
PIN 2	I
Connection	Screw terminals SK

Family construction form	terminal
Gender	female
No. of poles	2
PIN 1	Uo
PIN 2	I 1
Connection	Screw terminals SK
Family construction form	terminal
Gender	female
No. of poles	2
PIN 1	I 2
PIN 2	GD 2